

Amendments to the Claims:

The following listing of claims replaces all prior versions and listings of claims, in the application.

Listing of Claims

1. (Currently Amended) A building hydraulic power system comprising:
  - a hydraulic support chamber;
  - a conduit that supplies fluid to the hydraulic support chamber;
  - a building foundation;
  - a building support structure including support columns and walls;
  - a connecting link carried by the hydraulic support chamber for supporting the building support structure and exerting pressure on the fluid;
  - a turbine which generates electricity during a fluid discharge from the support chamber;
  - a valve that controls hydraulic fluid flow to the turbine;
  - a fluid reservoir to collect hydraulic fluid from a turbine discharge;
  - a volume of fluid deliverable to the hydraulic support chamber such that the building support structure is raised relative to the building foundation; and
  - an electrical distribution controller that distributes generated power.
2. (Previously Presented) The system of Claim 1 wherein the hydraulic support chamber is a plurality of support chambers.
3. (Currently Amended) The system of Claim 1 further comprising:
  - the hydraulic support chamber having a wall;
  - a pressure plate carried by the chamber and interfacing with the wall of the chamber;
  - a seal carried by the pressure plate to prevent hydraulic fluid leakage between the plate and the wall of the chamber;
  - a bearing pad centrally positioned on the pressure plate;

a high pressure lubricant supply to deliver lubricant to the bearing pad to allow relative movement between the bearing pad and the pressure plate; and a vertical guide channel having a roller assembly to allow elevation changes of the building support structure while maintaining vertical orientation of the building.

4. (Currently Amended) The system of claim 1 ~~wherein the structure is a building structure and~~ further comprising a pump to deliver fluid to the support chamber to elevate the building support structure.
5. (Currently Amended) The system of claim 1 further comprising a limited displacement lateral restraint system assembly coupled to the building to allow elevation changes of the building support structure while maintaining vertical orientation of the building.
6. (Original) The system of Claim 1 wherein the turbine further comprises a pump.
7. (Original) The system of Claim 2 further comprising a chamber valve that controls fluid flow between each support chamber and the conduit.
8. (Currently Amended) A support structure for a building having a structure and a foundation, the support structure accommodates seismic earth movements through an hydraulic cushion of building support chambers while providing controllable relative horizontal movement between the building support structure and the building foundation, the support structure comprising:
  - a plurality of hydraulic support chambers, each chamber having a wall; each chamber having a pressure plate which moves vertically within each hydraulic support chamber and fixed in the horizontal position;
  - a plurality of bearing pads, each bearing over each pressure plate at each hydraulic support chamber;

vertical connecting links, each connecting link extending between the associated bearing pad and ~~the lower building~~ a steel structure of the building support structure;

a lubricant supply and distribution system to provide lubricant film between the bearing pads and a face of the pressure plates; and

seals around each pressure plate to prevent hydraulic fluid leakage between the chamber walls and the pressure plates.

9. (Previously Presented) The structure of Claim 8 further comprising:

an external limited displacement lateral restraint system to allow a controlled, relative horizontal movement between the building structure and a fixed foundation and allow vertical and level movement of the building structure relative to the foundation comprising:

vertical guide channels to maintain the vertical orientation of the building during vertical movements;

an adjustable guide roller assembly within the guide channels and with a shock absorbing mechanism to maintain contact with the outer vertical corner surfaces of the building steel structure while allowing horizontal displacement; and

a bracing system to maintain orientation of the vertical guide channels relative to the building foundation during wind loads.

10. (Original) The structure of Claim 8 further comprising:

a turbine which generates electricity during a fluid discharge from the support chamber;

a valve that controls hydraulic fluid flow to the turbine;

a system controller to control fluid flow to the chamber; and

a battery storage system connected to the turbine.

11. (Original) The structure of Claim 8 further comprising a valve connected to the support chamber to periodically control delivery of lubricant.

12. (Currently Amended) A method of generating power using controlled motion of a building comprising:

delivering fluid to an hydraulic support chamber to elevate a building support structure relative to a fixed building foundation;  
lowering the building support structure and controlling delivery of fluid from the support chamber to a turbine which generates electricity; and  
operating an electrical distribution controller that distributes generated power from the turbine.

13. (Original) The method of Claim 12 further comprising providing a plurality of support chambers.

14. (Original) The method of Claim 12 further comprising:

providing a pressure plate with a seal to prevent hydraulic fluid leakage between the plate and a wall of the chamber;  
providing a bearing pad which is centrally positioned on the pressure plate;  
delivering lubricant to the bearing pad to allow relative movement between the bearing pad and the pressure plate;  
coupling an upward hydraulic force to a lower building support steel structure with a vertical connecting link; and  
providing a vertical guide channel having a roller assembly to allow elevation changes of the building while maintaining vertical orientation of the building.

15. (Original) The method of Claim 12 further comprising pumping fluid to the support chamber with a pump.

16. (Original) The method of Claim 12 further comprising providing a limited displacement lateral restraint system.

17. (Original) The method of Claim 12 further comprising pumping fluid to the support chamber with the turbine.

18. (Original) The method of Claim 13 further comprising providing a chamber valve that controls fluid flow between each support chamber and fluid delivery to a conduit coupled to a fluid reservoir.
19. (Currently Amended) The method of Claims 16 further comprising:  
providing an external limited displacement lateral restraint system to allow a controlled, relative horizontal movement between the building structure and [[a]] the fixed foundation and allow vertical and level movement of the building structure relative to the foundation, the system having;  
vertical guide channels to maintain the vertical orientation of the building during vertical movements;  
an adjustable guide roller assembly within the guide channels and with a shock absorbing mechanism to maintain contact with the outer vertical corner surfaces of [[the]] a building steel structure while allowing horizontal displacement; and  
a bracing system to maintain orientation of the vertical guide channels relative to the building foundation during wind loads.
20. (Original) The method of Claims 12 further comprising providing a system controller and a battery storage system.